

1 / 13

FIG. 1

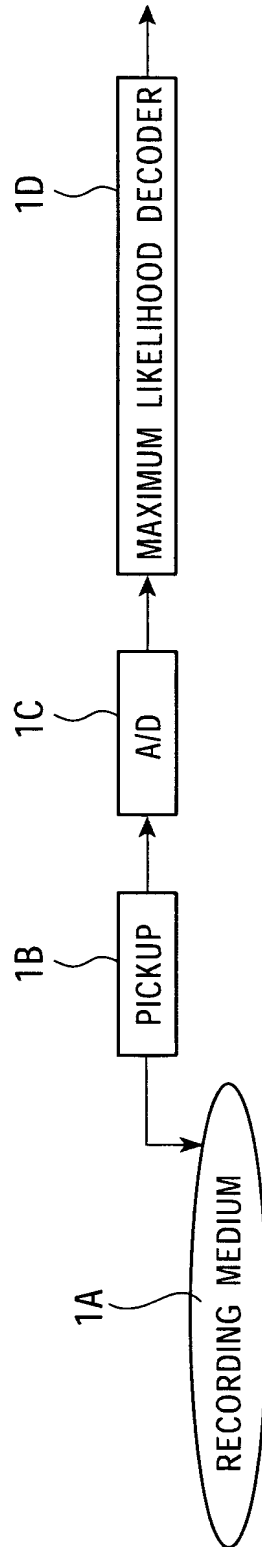
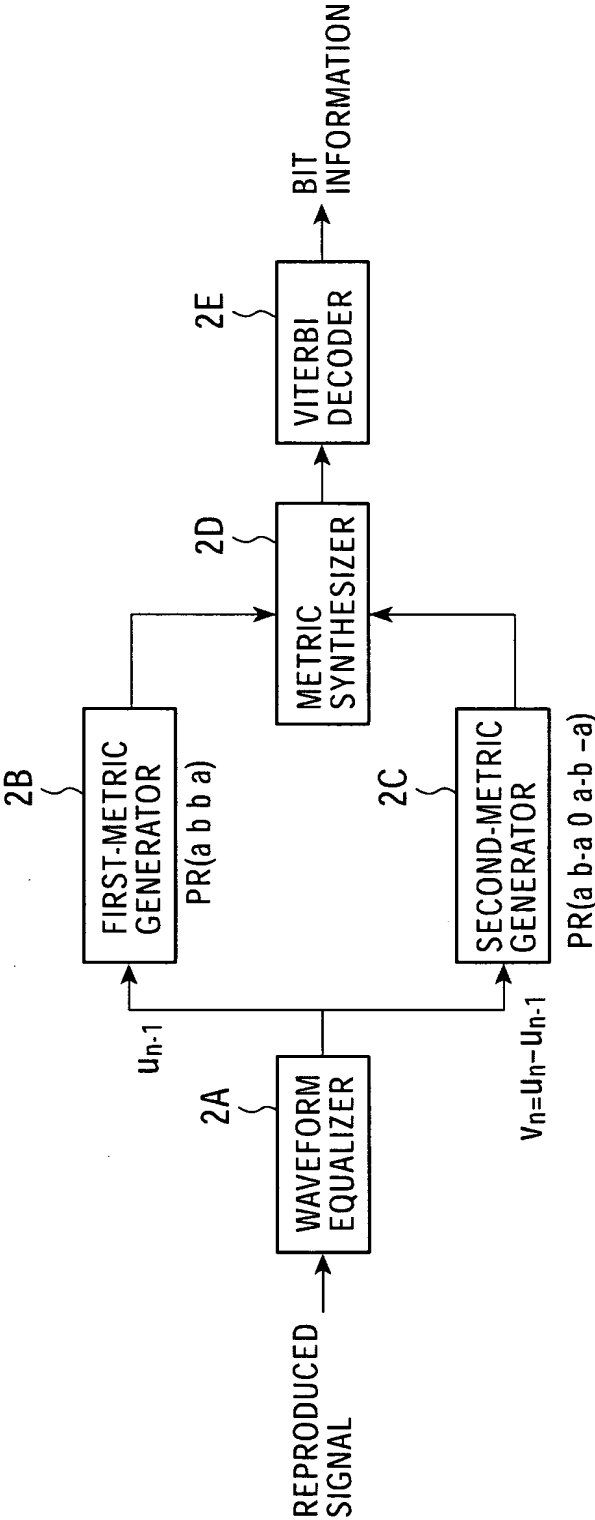


FIG. 2



3 / 13

FIG. 3

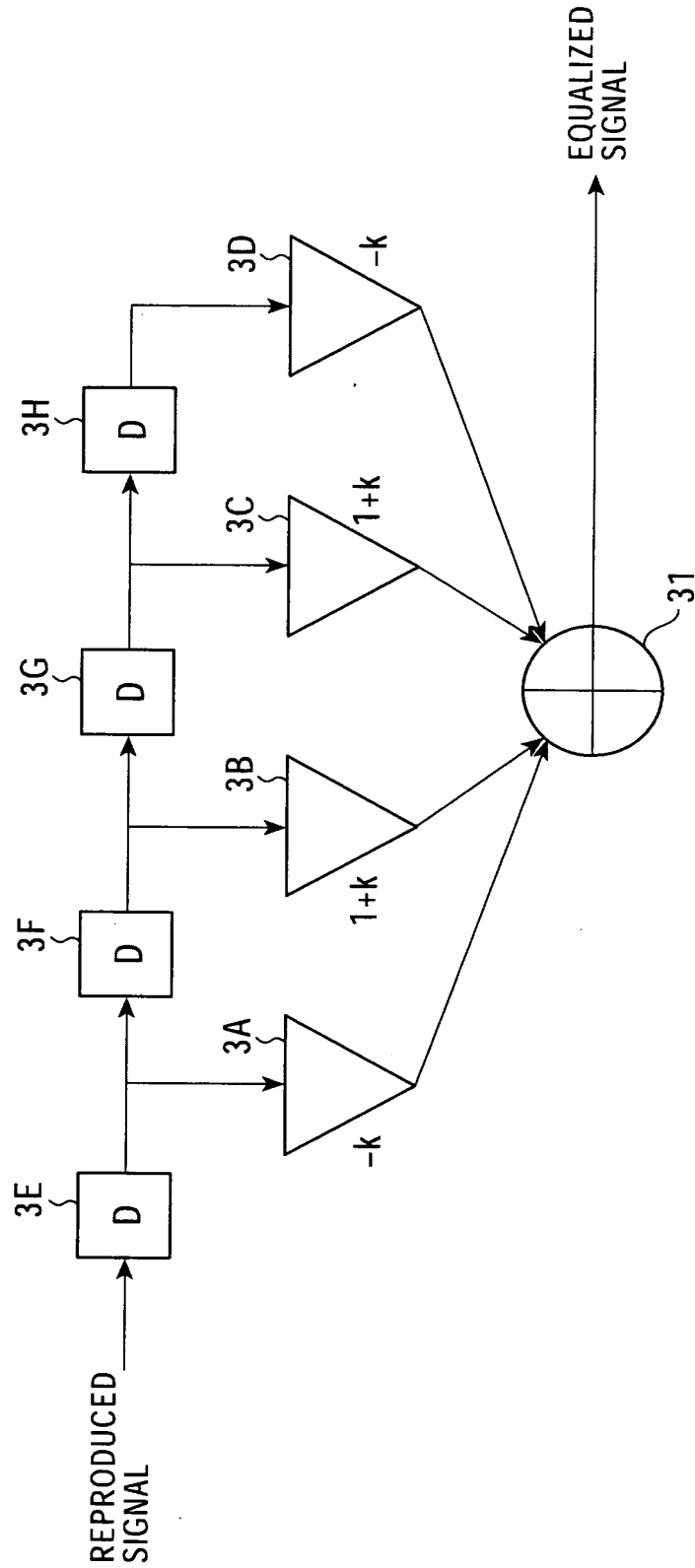


FIG. 4

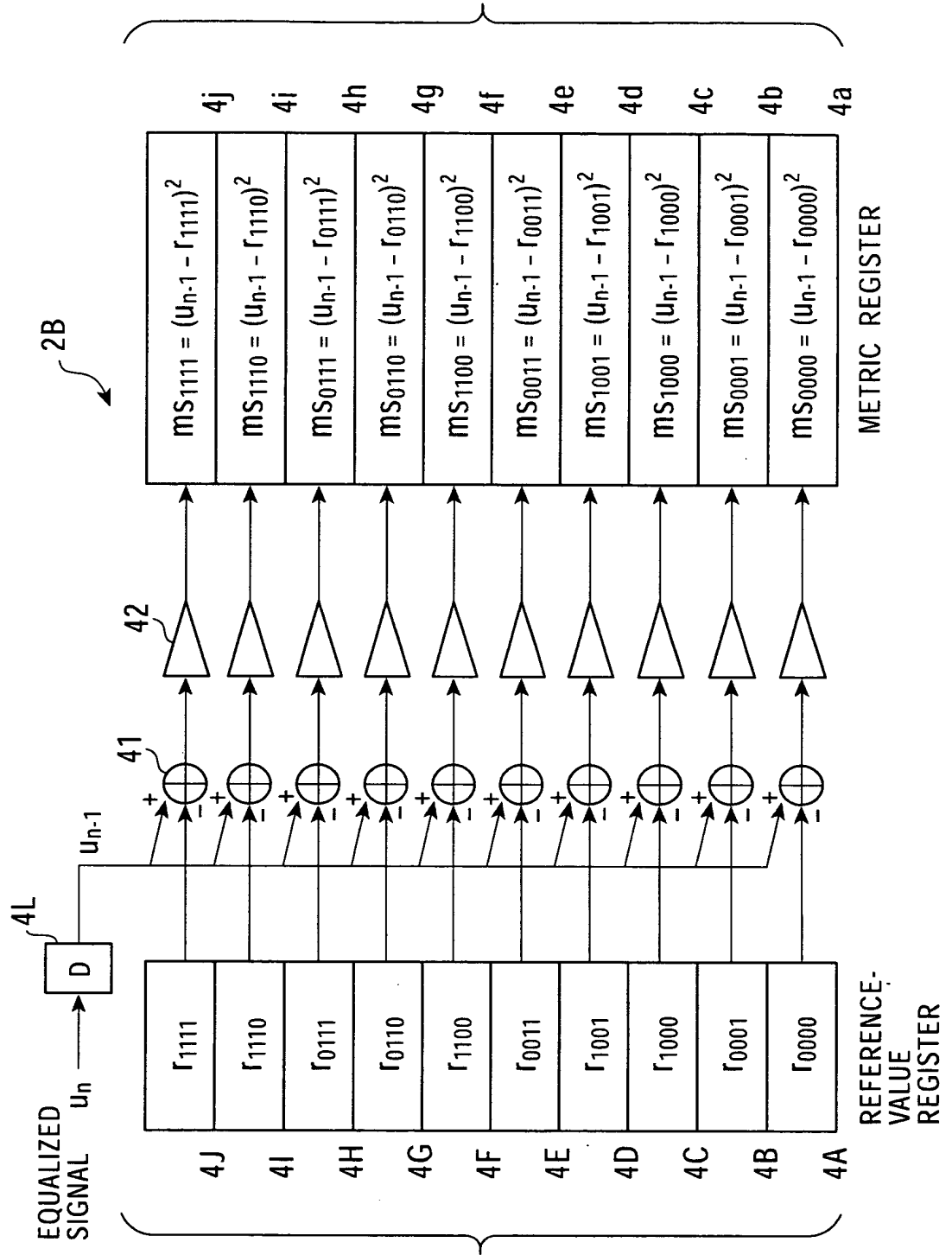


FIG. 5

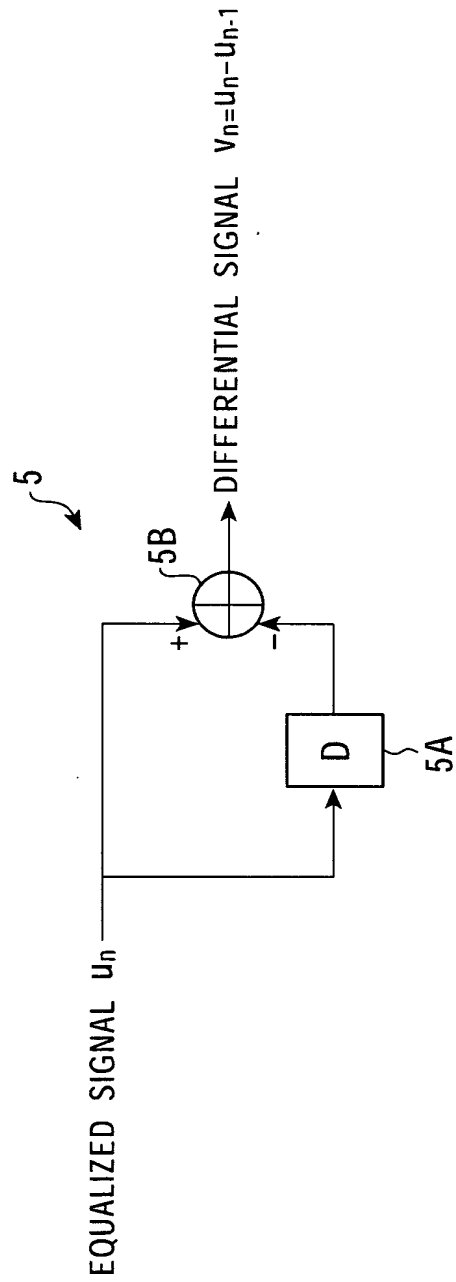




FIG. 7

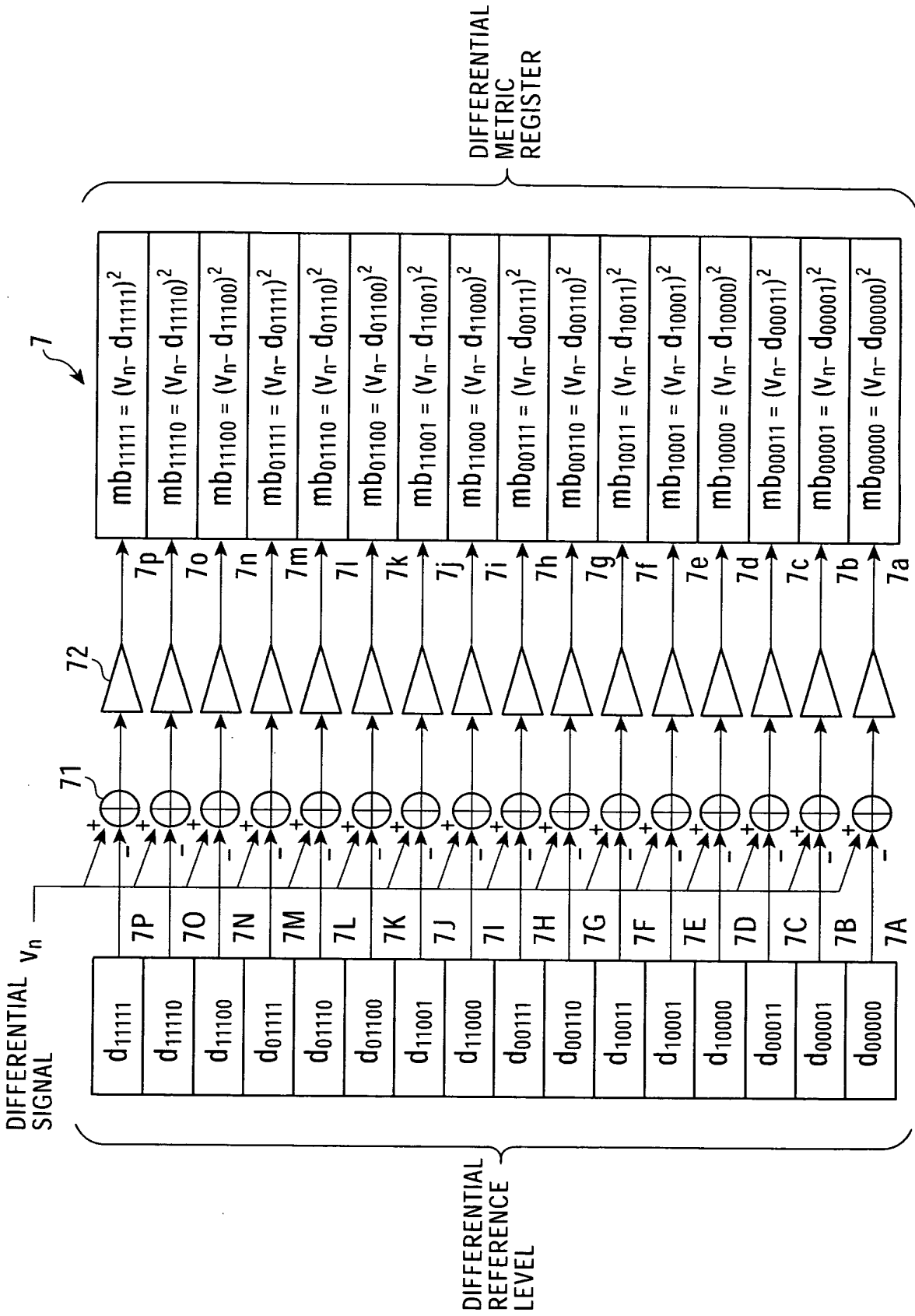


FIG. 8

METRIC REGISTER	$mp_{11111} = ms_{1111} + k \cdot mb_{11111}$	8P
	$mp_{11110} = ms_{1111} + k \cdot mb_{11110}$	8O
	$mp_{11100} = ms_{1110} + k \cdot mb_{11100}$	8N
	$mp_{01111} = ms_{0111} + k \cdot mb_{01111}$	8M
	$mp_{01110} = ms_{0111} + k \cdot mb_{01110}$	8L
	$mp_{01100} = ms_{0110} + k \cdot mb_{01100}$	8K
	$mp_{11001} = ms_{1100} + k \cdot mb_{11001}$	8J
	$mp_{11000} = ms_{1100} + k \cdot mb_{11000}$	8I
	$mp_{00111} = ms_{0011} + k \cdot mb_{00111}$	8H
	$mp_{00110} = ms_{0011} + k \cdot mb_{00110}$	8G
	$mp_{10011} = ms_{1001} + k \cdot mb_{10011}$	8F
	$mp_{10001} = ms_{1000} + k \cdot mb_{10001}$	8E
	$mp_{10000} = ms_{1000} + k \cdot mb_{10000}$	8D
	$mp_{00011} = ms_{0001} + k \cdot mb_{00011}$	8C
	$mp_{00001} = ms_{0000} + k \cdot mb_{00001}$	8B
	$mp_{00000} = ms_{0000} + k \cdot mb_{00000}$	8A



FIG. 9

9

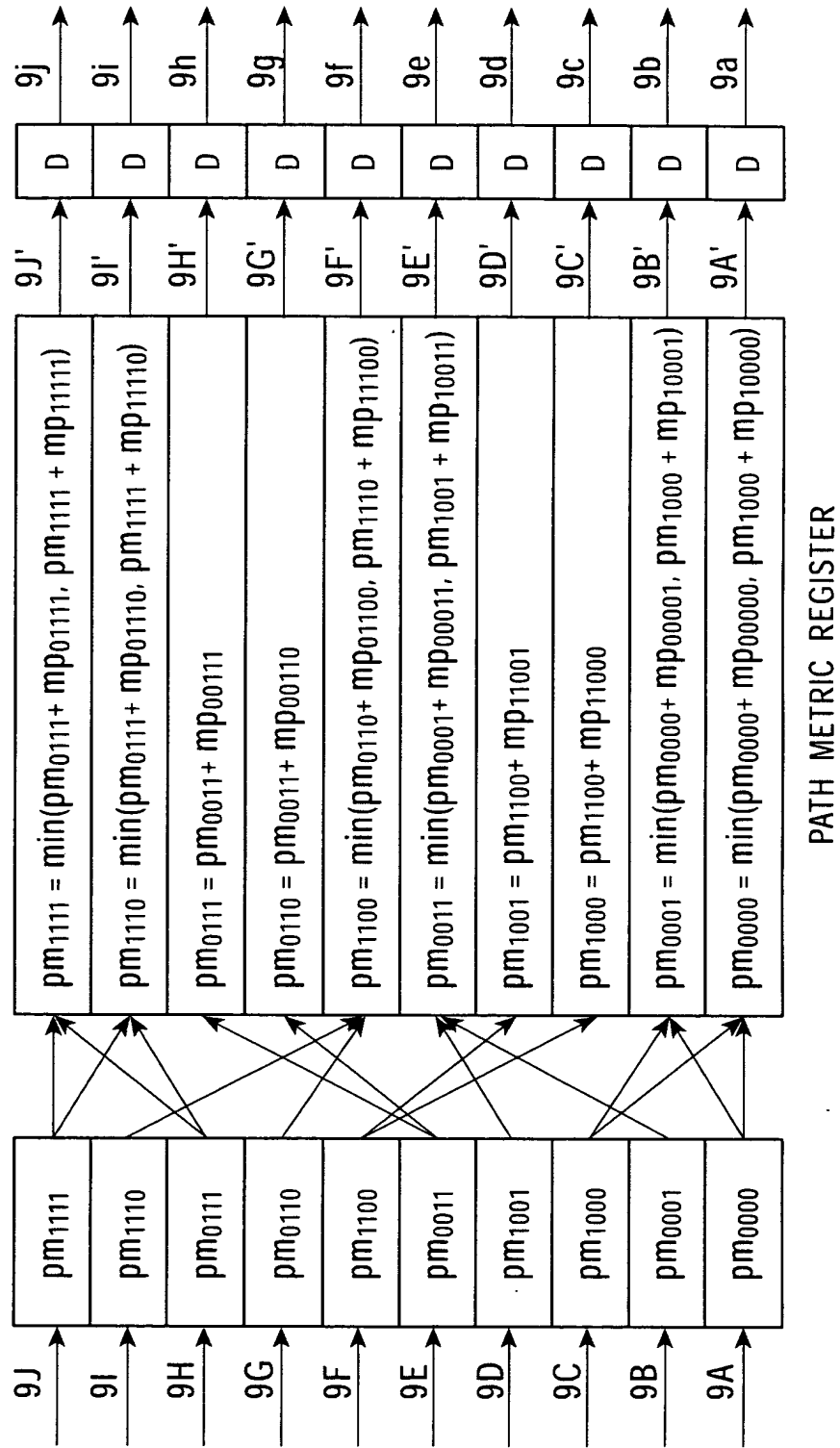
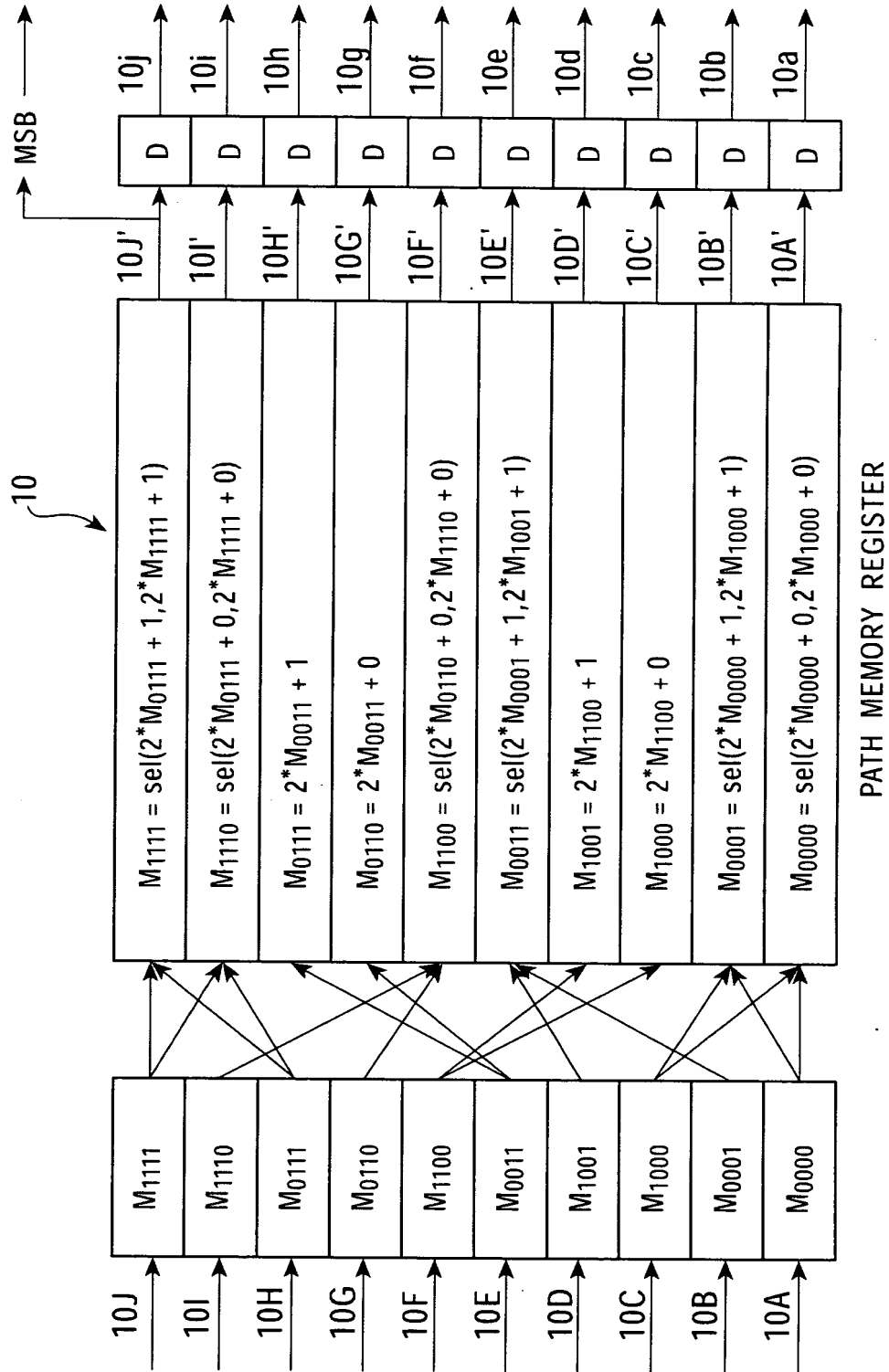


FIG. 10



11 / 13

FIG. 11

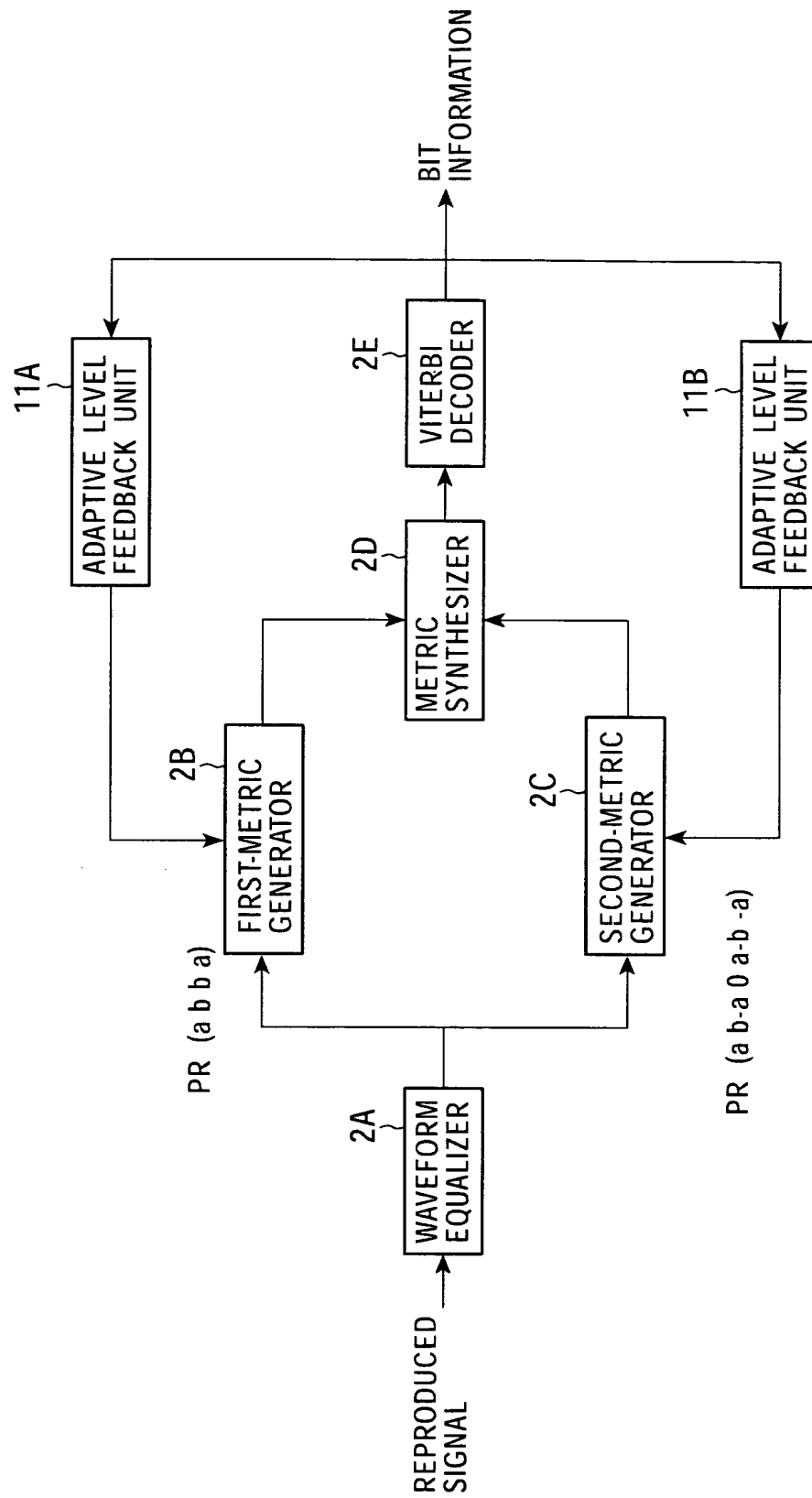
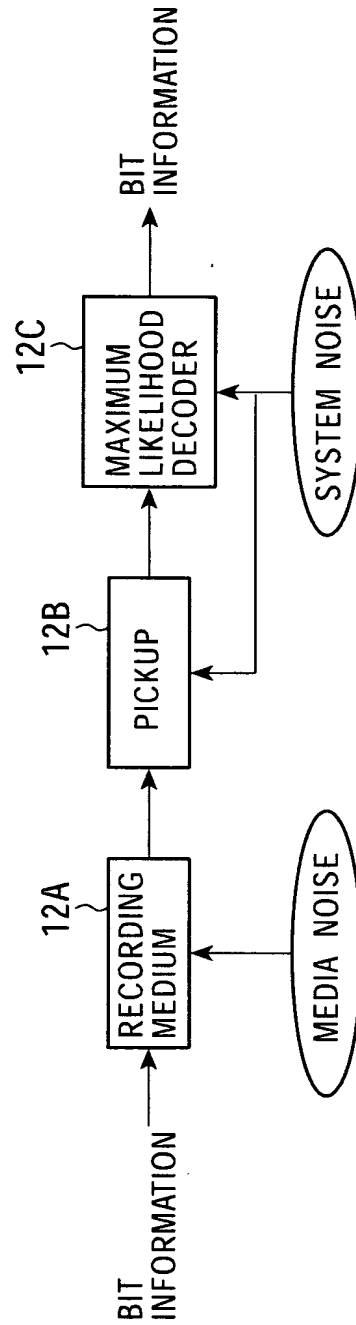
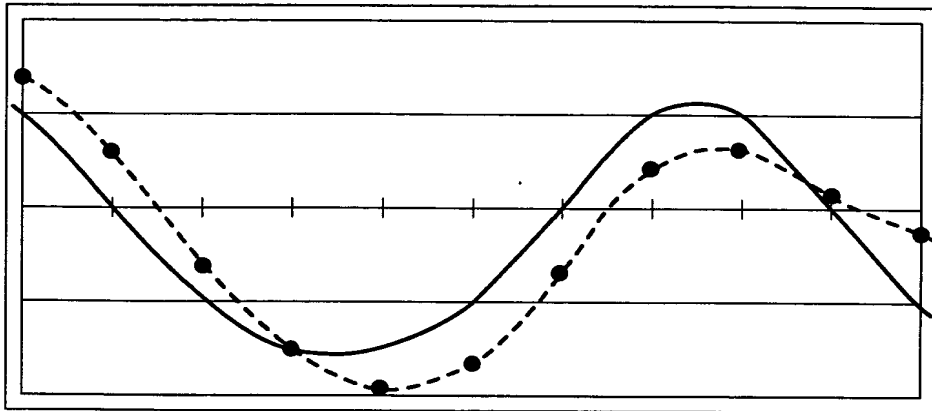


FIG. 12



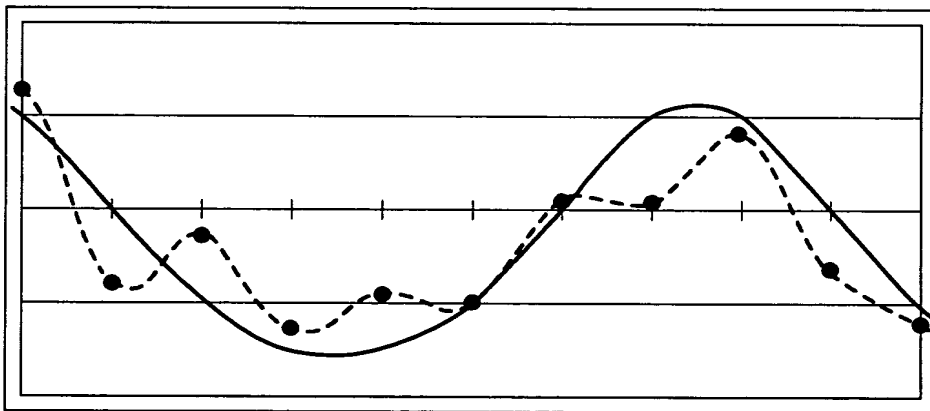
13 / 13

FIG. 13A



ADD MEDIA NOISE

FIG. 13B



ADD SYSTEM NOISE